

AMENDMENTS TO THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract of the Disclosure as follows:

A method ~~and apparatus~~ for recording analog signals and digitally encoded information associated with primary and secondary devices of an electric power system ~~and secondary devices associated with the electric power system, the apparatus includes a hosting device configured for:~~ receiving a plurality of analog output signals and a plurality of ON/OFF status signals from corresponding transducers of the electric power system; ~~receiving a plurality of ON/OFF status signals from the primary and secondary devices of the electric power system;~~ receiving ~~at least one of a time-synchronization analog signal from a time synchronization source and~~ and/or a time-synchronization data packet from ~~the a~~ time synchronization source ~~over a communication medium;~~ maintaining an internal clock synchronized with the synchronization source ~~for time synchronization;~~ sampling and digitizing the plurality of analog output signals; monitoring ~~at least one of a status and/or~~ a change of status of the plurality of ON/OFF status signals; receiving digitally encoded information signals as incoming data packets ~~via a communication port;~~ decoding and analyzing ~~the content of~~ the incoming data packets; analyzing ~~both the plurality of~~ analog output signals and digitally encoded information signals using a ~~user-programmable triggering mechanism algorithm;~~ and ~~a non-volatile memory storage medium in operable communication with the hosting device, the non-volatile memory storage medium storing the incoming digitized analog output signals and~~ digitally encoded information signals together with corresponding timing information in a record as fault and sequence of events records.